

BOB F. ANDERSON, PE, INC.
PETROLEUM ENGINEERS & CONSULTANTS
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April 19, 2007

AMENDED APPLICATION

Honorable James H. Welsh,
Commissioner of Conservation
Office of Conservation
P. O. Box 94275
Baton Rouge, LA 70804-4275

Re: APPLICATION FOR PUBLIC HEARING

Proposed Unit Well at an
Exceptional Location
Hosston Zone, Reservoir A
HOSS RA SU111
Elm Grove Field
Bossier Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of **PETROCHEM OPERATING COMPANY**, (Applicant), to the Commissioner of Conservation for a public hearing to consider evidence relative to the issuance of an Order pertaining to the following matters relating to the Hosston Zone, Reservoir A, Elm Grove Field, Bossier Parish, Louisiana:

1. To permit the applicant to designate and utilize their Brown 4 No. 2 Well as a unit well for the production of gas and condensate from the Hosston Zone, Reservoir A, in the unit designate HOSS RA SU111, Elm Grove Field, Bossier Parish, Louisiana, in exception to the spacing provisions of the 361-A Series of Office of Conservation Orders, such unit and well shown on the attached plat and being made a part hereof.
2. To find that a unit well at the location shown on the attached plat is necessary to drain a portion of the Hosston Zone, Reservoir A, underlying the HOSS RA SU111 that cannot be drained by any other well located within the unit.
3. To permit the unit operator to down hole combine the production from the Hosston Zone, Reservoir A and the Cotton Valley Formation, Reservoir A, in the units designated HOSS RA SU111 and the CV RA SU107, which units are identical in aerial extend and have the same royalty and working interest.
4. To consider and cover such other matters as the Commissioner of Conservation may deem and appropriate.

Hon. James H. Welsh
Elm Grove Field
2

The Hosston Zone, Reservoir A, was defined in the 361-A Series of Office of Conservation Orders in the Elm Grove Field, Bossier, Caddo and Bienville Parishes, Louisiana.

The pertinent data pertaining to this application is available for inspection at the Offices of Bob F. Anderson, PE, Inc., 400 Travis Street, Suite 209, Shreveport, Louisiana 71101. Any person wishing to inspect such data should call Bob Anderson 318/425-4230 during normal business hours in order to arrange a date and time for such inspection. A copy of any such pertinent data that is otherwise not available from the Office of Conservation can be obtained **at the expense of the requesting party.**

The subject matter to this application does not require a pre-application notice.

Pursuant to the revised Rules of Procedure, Applicant has made a reasonable effort to obtain the names and addresses of all Interested Owners, Interested Parties and Represented Parties to whom this application is being sent. A copy of this letter, plat and list of parties is being sent to the District Manager of the Shreveport District Office of Conservation and a copy of this letter and plat is being sent to the Interested Owners, Represented Parties and the Interested Parties as shown on the attached list.

Attached is our check, made payable to the Office of Conservation, to cover the applicable hearing fee.

Yours truly,



B. F. Anderson, PE for
PETROCHEM OPERATING COMPANY

cc: Mr. James Broussard, District Manager Shreveport District Office of Conservation (w/encl.)
Interested Owners, Represented Parties and Interested Parties (w/plats)
Petrochem Operating Company (w/encl.)

BOB F. ANDERSON, PE, INC.
PETROLEUM ENGINEERS & CONSULTANTS
TELEPHONE (318) 425-4230
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April 16, 2007

Honorable James H. Welsh,
Commissioner of Conservation
Office of Conservation
P. O. Box 94275
Baton Rouge, LA 70804-4275

Re: APPLICATION FOR PUBLIC HEARING

Proposed Unit Well at an
Exceptional Location
Hosston Zone, Reservoir A
HOSS RA SU111
Elm Grove Field
Bossier Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of **PETROCHEM OPERATING COMPANY**, (Applicant), to the Commissioner of Conservation for a public hearing to consider evidence relative to the issuance of an Order pertaining to the following matters relating to the Hosston Zone, Reservoir A, Elm Grove Field, Bossier Parish, Louisiana:

1. To permit the applicant to designate and utilize their Brown 4 No. 2 Well as a unit well for the production of gas and condensate from the Hosston Zone, Reservoir A, in the unit designate HOSS RA SU111, Elm Grove Field, Bossier Parish, Louisiana, in exception to the spacing provisions of the 361-A Series of Office of Conservation Orders, such unit and well shown on the attached plat and being made a part hereof.
2. To find that a unit well at the location shown on the attached plat is necessary to drain a portion of the Hosston Zone, Reservoir A, underlying the HOSS RA SU111 that cannot be drained by any other well located within the unit.
3. To permit the unit operator to down hole combine the production from the Hosston Zone, Reservoir A and the Cotton Valley Formation, Reservoir A, in the units designated HOSS RA SU111 and the CV RA SU107, which units are identical in aerial extend and have the same royalty and working interest.
4. To consider and cover such other matters as the Commissioner of Conservation may deem and appropriate.

Hon. James H. Welsh
Elm Grove Field
2

The pertinent data pertaining to this application is available for inspection at the Offices of Bob F. Anderson, PE, Inc., 400 Travis Street, Suite 209, Shreveport, Louisiana 71101. Any person wishing to inspect such data should call Bob Anderson 318/425-4230 during normal business hours in order to arrange a date and time for such inspection. A copy of any such pertinent data that is otherwise not available from the Office of Conservation can be obtained **at the expense of the requesting party.**

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Yours truly,



B. F. Anderson, PE for
PETROCHEM OPERATING COMPANY

cc: Mr. James Broussard, District Manager Shreveport District Office of Conservation (w/encl.)
Interested Owners, Represented Parties and Interested Parties (w/plats)
Petrochem Operating Company (w/encl.)

T 16 N - R 11 W

McAlester Fuel
M B Hodges

1A
4592'

32

HOSS RA SU 47
CV RA SU 47

HOSS RA SU 110
CV RA SU 122

33

Samson
Glasscock

1
9570'

CV RA SU 115

34

Texas General
T Taylor

1
9400'
Petrochem
Glasscock
1
9550'

Texas General
T Taylor

2
9400'
1
6517'
Gulf
R L Benbow

Hurley
R E Smith

5915'
1
Amoco
Smith Tr.
1
9671'

KCS
Smith Tr.
2
UNIT
10,150'

HOSS RA SU 112
CV RA SU 108

5
Tenneco
JT White
1
9510'

HOSS RA SU 111
CV RA SU 107

Petrochem
Brown
1
9600'

Petrochem Oper. Co.
Brown 4

4
2
9725'

2000'
RADIUS

2200'

2270'

1
9737'
Petrochem
Flat River Farms

HOSS RA SU
CV RA SU 110

3

HOSS RA SU
CV RA SU 111

8

Petrochem
Campbell

1
9744'

HOSS RA SU
CV RA SU 112

9

Petrochem
Mendenhall

1
10,400'

10

Petrochem
Mendenhall
3
9615'

CV RA SU K

T 15 N - R 11 W

PETRO-CHEM OPERATING COMPANY

SHREVEPORT, LOUISIANA

ELM GROVE FIELD

BOSSIER PARISH, LOUISIANA

PROPOSED UNIT WELL

AT EXCEPTIONAL LOCATION FOR HOSS RA SU 111 AND
PROPOSED DOWNHOLE COMBINATION OF HOSS RA SU 111 AND CV RA SU 107

--- : EXISTING HOSS RA & CV RA UNITS
SWAN LAKE FIELD

--- : EXISTING HOSS RA & CV RA UNITS
ELM GROVE FIELD



: PROPOSED ALTERNATE
UNIT WELL



: APPROVED HOSS RA WELLS

0 2000' 4000' 1 Mile

GRAPHIC SCALE